



2826/4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Takashi KOBAYASHI, *et al.*

Group Art Unit: 2826

Serial No.: 10/020,573

Examiner: Greene, P.

Filed: October 31, 2001

Attorney Docket No.: FUJI:200

For: SEMICONDUCTOR DEVICE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Certificate of Filing By Mailing

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on:

Date: 03/21/03

By: Marc A. Rossi

Marc A. Rossi

RECEIVED  
MAR - 9 2003  
TO COMPTON ROOM

INFORMATION DISCLOSURE STATEMENT (IDS)

Sir:

In compliance with Rule 56, 97, and 98, applicants enclose a Substitute PTO-1449, listing one reference. A copy of the listed reference is enclosed.

RELEVANCE

The listed reference appears to disclose square and striped cells of IGBT in Figs. 2 and 4.

The submission of this IDS is not intended as an admission that the reference identified here constitutes prior art against the claims of the present application or that such reference are material to patentability as defined in Rule 56(b).

1 03 07 14 23 00000000 00000000 00000000

1 03 07 14 23 00000000 00000000 00000000

SN. 10/020,573

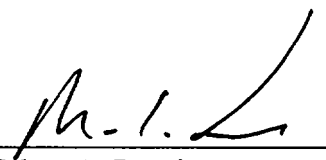
ATTORNEY DOCKET NO. FUJI:200

FEE

This IDS requires a fee of \$180 since it is filed after the grace period. The Commissioner is authorized to charge \$180 (or any appropriate fees) to Deposit Account No. 18-2056.

Respectfully submitted,

Date: 03/21/03

  
\_\_\_\_\_  
Marc A. Rossi  
Registration No. 31,923

ROSSI & ASSOCIATES  
P.O. Box 826  
Ashburn, VA 20146-0826  
Phone: 703-726-6020

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet \_\_\_\_\_ of \_\_\_\_\_

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

Application Number	10/020,573
Filing Date	October 31, 2001
First Named Inventor	Takashi KOBAYASHI
Art Unit	2826
Examiner Name	Green, P.
Attorney Docket Number	FUJI:200

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner  
Signature

Date Considered

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.